

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies



AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

¹ Operator Name and Address POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		² OGRID Number 17891
		³ API Number 30-015-30713
⁴ Property Code 17565	⁵ Property Name HARROUN 15	⁶ Well No. 9

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	15	24S	29E		2260'	SOUTH	1650'	EAST	EDDY

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 CEDAR CANYON-DELAWARE (11540)					¹⁰ Proposed Pool 2 Post # D-1 8-6-99 API + Loc				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation
¹⁶ Multiple NO	¹⁷ Proposed Depth 7000'	¹⁸ Formation DELAWARE	¹⁹ Contractor UNKNOWN	²⁰ Spud Date WHEN APPROVED

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	Surface
14 3/4"	10 3/4"	38	540'	500 Sx.	Surface
9 7/8"	7 5/8"	26.4	2900'	1050 Sx.	Surface
6 3/4"	4 1/2"	11.6	7000'	1200 Sx.	T.C.2900'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Drill 25" hole to 40'. Set 40' of 20" Conductor pipe and cement to surface with Redi-mix.
2. Drill 14 3/4" hole to 540'. Run and set 540' of 10 3/4" 38# H-40 casing. Cement with 500 Sx. of Class "C" cement + additives. circulate cement to surface.
3. Drill 9 7/8" hole to 2900'. Run and set 2900' of 7 5/8" 26.4# J-55 ST&C casing. Cement with 1050 Sx. of Class "C" cement + additives. circulate cement to surface.
4. Drill 6 3/4" hole to 7000'. Run and set 7000' of 4 1/2" 11.6# J-55 ST&C casing. Cement with 1200 Sx. of cement in two stages set stage tool at 5400'±. top of cement 2900'.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Joe T. Janica*

Printed name: Joe T. Janica

Title: Agent

Date: 07/29/99

Phone: 505-392-2112

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM

Title: DISTRICT II SUPERVISOR

Approval Date: 7-30-99 Expiration Date: 7-30-00

Conditions of Approval:

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 11540	Pool Name CEDAR CANYON -DELAWARE
Property Code 17565	Property Name HARROUN 15	Well Number 9
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 2933

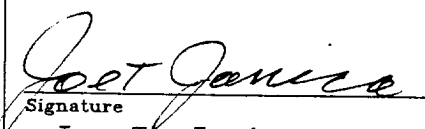
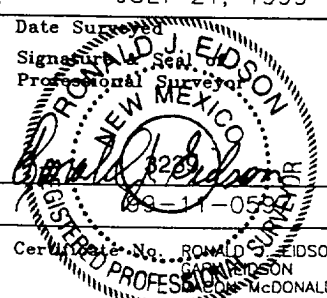
Surface Location

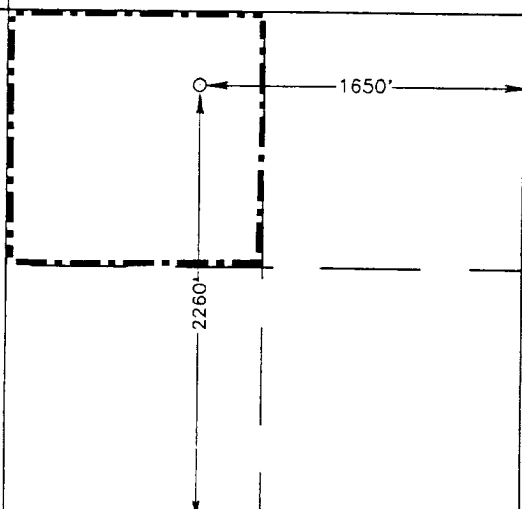
UL or lot No. J	Section 15	Township 24 S	Range 29 E	Lot Idn	Feet from the 2260	North/South line SOUTH	Feet from the 1650	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

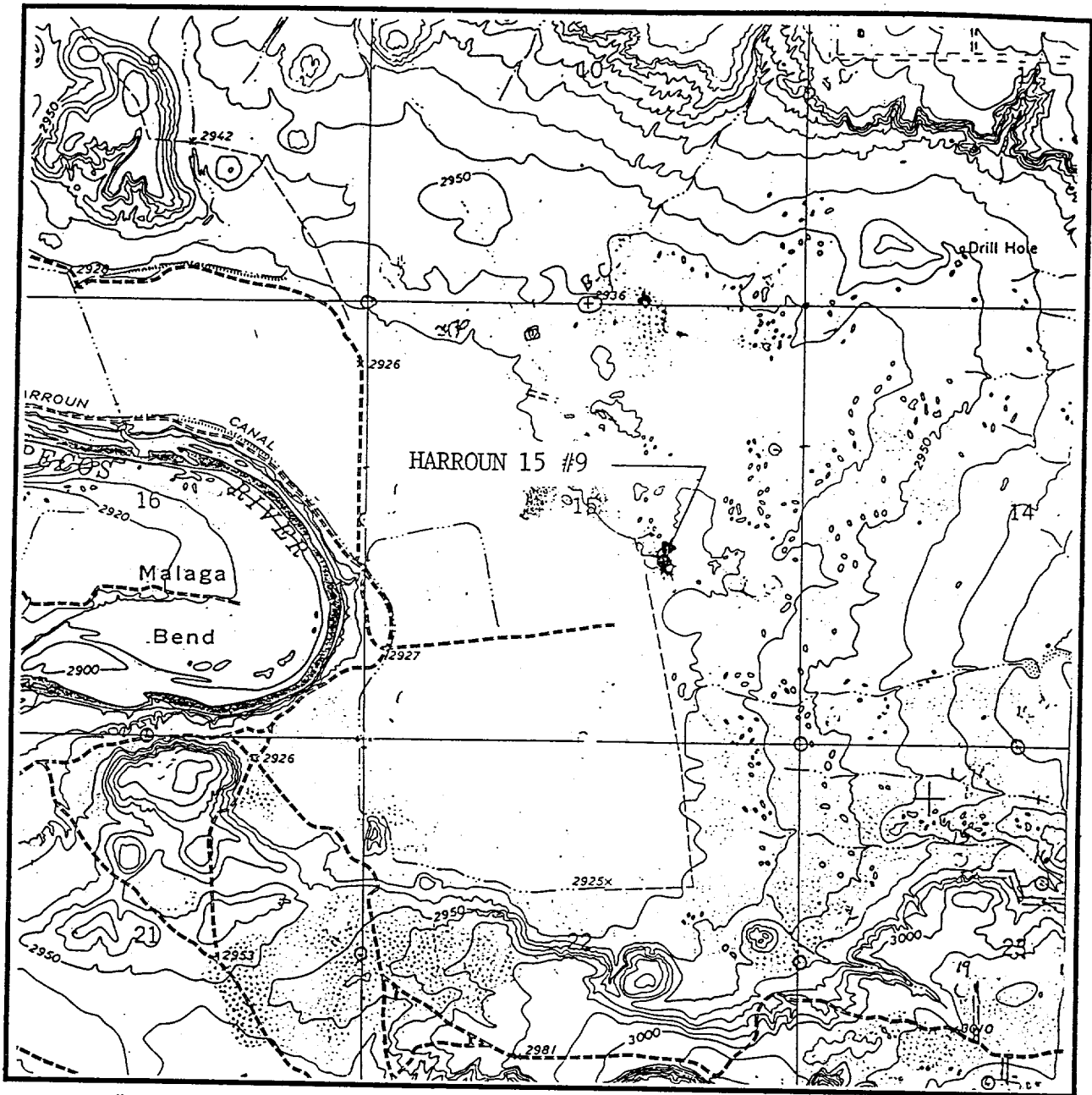
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

										OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Joe T. Janica Printed Name Agent Title 07/29/99 Date	
										SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> JULY 21, 1999 Date Surveyed Signature Professional Surveyor DMCC  Certified No. 3239 Ronald J. Edson McDONALD 12185	



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
PIERCE CANYON - 10'

SEC. 15 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2260' FSL & 1650' FEL

ELEVATION 2933

OPERATOR POGO PRODUCING COMPANY

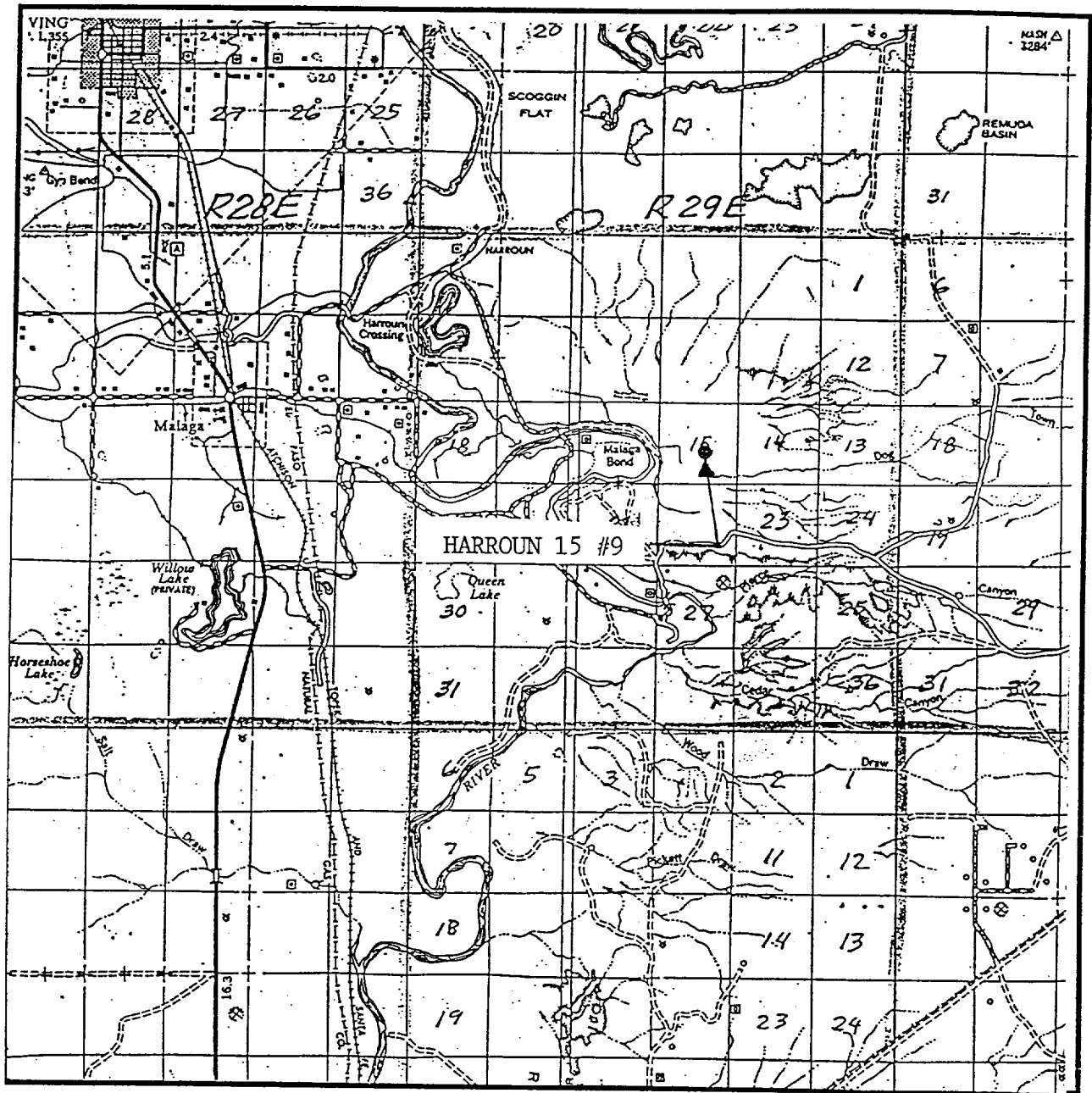
LEASE HARROUN 15

U.S.G.S. TOPOGRAPHIC MAP

PIERCE CANYON, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 15 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2260' FSL & 1650' FEL

ELEVATION 2933

OPERATOR POGO PRODUCING COMPANY

LEASE HARROUN 15

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

